SNMP Web Manager

User’s Manual

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1. Introduction

SNMP Web Manager is a SNMP web card manager software. Users can search and operate all SNMP devices in the LAN via this interface. Then, user can double click device to open web server monitoring page.

2. SNMP Web Manager Install, Quick Start and Uninstall

Supported OS:

- Windows 2000
- Windows XP/2003/Vista/2008 (32-bit & x64-bit)

- Windows 7 (32-bit & x64-bit)
- Windows SBS 2011
- Linux RedHat 8, 9
- Linux RedHat Enterprise AS3, AS5, AS6 (32-bit)
- Linux RedHat Enterprise AS6 (64-bit)
- Linux RedHat Enterprise 5.2 (32-bit & 64-bit)
- Linux SUSE 10 (32-bit & 64-bit)
- Linux Cent OS 5.4 (32-bit)
- Linux Ubuntu 8.X, 9.X, 10.X (32-bit)
- Linux Ubuntu 10.X (64-bit)
- Linux Ubuntu 12.04 (32-bit & 64-bit)
- Linux Fedora 5
- Linux OpenSUSE 11.2 (32-bit & 64-bit)
- Linux Debian 5.x, 6.x (32-bit)
- Linux Debian 6.x (64-bit)
- Mac OS 10.6 (x64-bit)
- Mac OS 10.7 (x64-bit)
- Solaris 10 for x86

2.1. Software Installation

Step 1: Click install file, it will display the installation in process. Refer to the diagram 2-1.

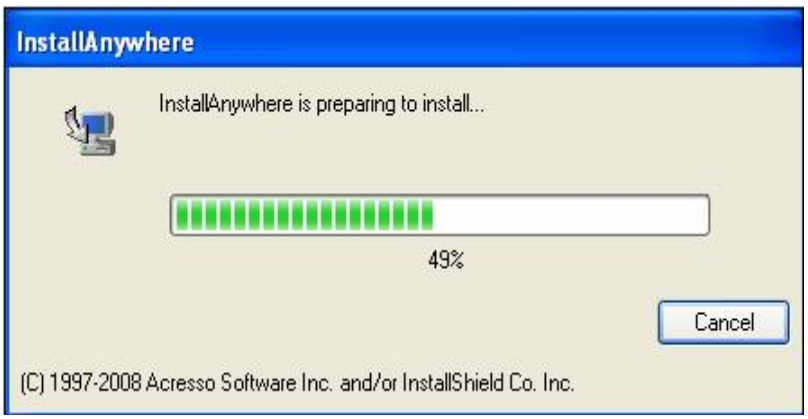

Diagram 2-1

Step 2: Choose wanted language and click "OK" as diagram 2-2.

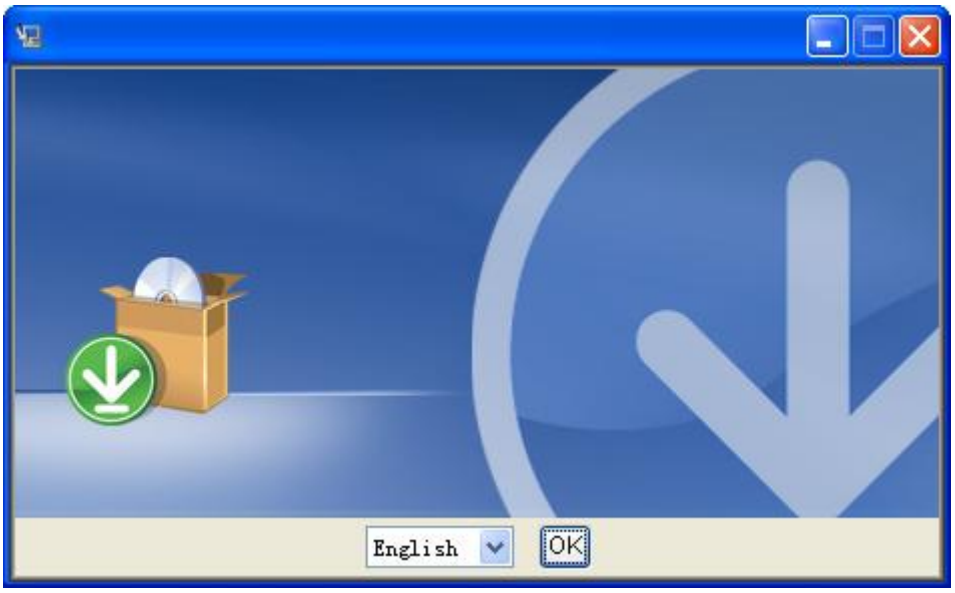

Diagram 2-2

Step 3: Click "Next" to proceed to the next screen as Diagram 2-3.

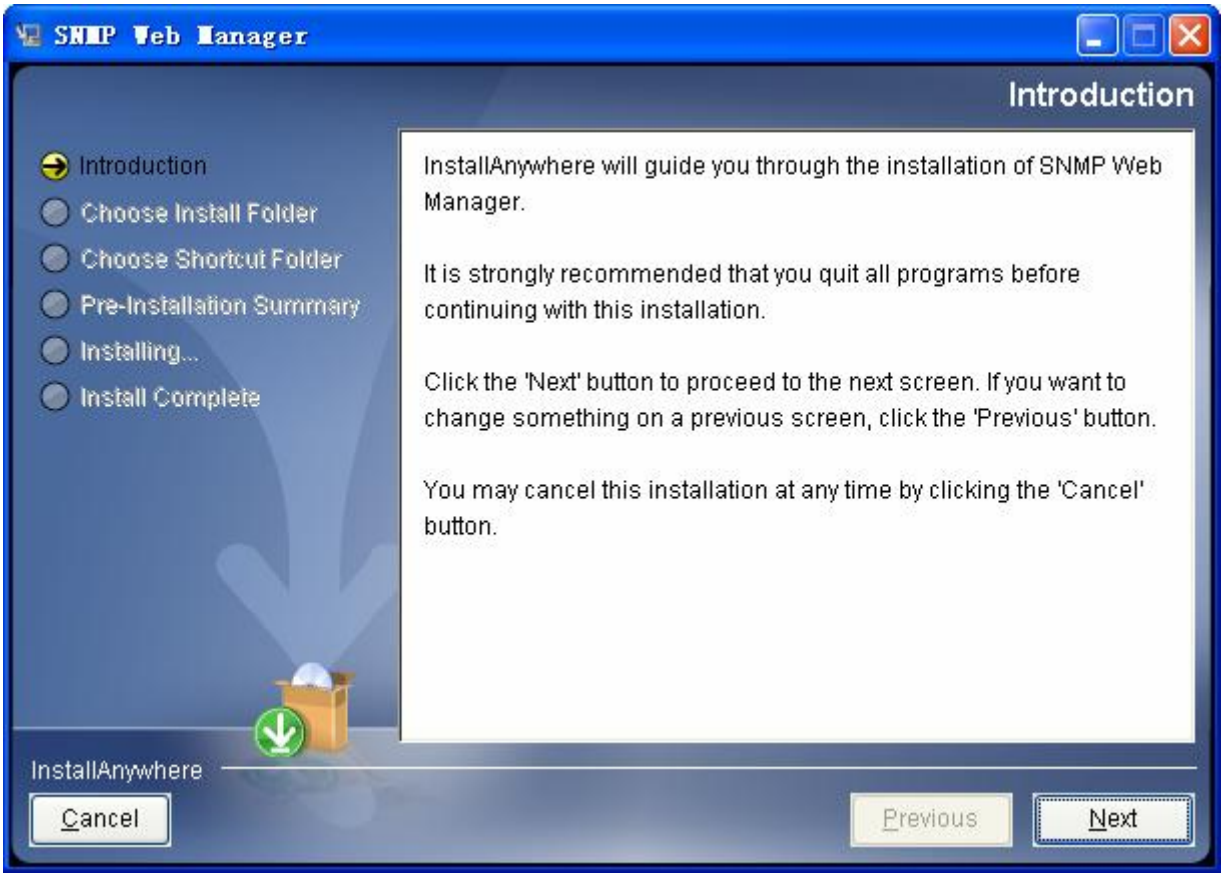
SNMP Web Manager
Introduction
Introduction
Choose Install Folder
Choose Shortcut Folder
Pre-Installation Summary
Installing...
Install Complete
InstallAnywhere will guide you through the installation of SNMP Web Manager.
It is strongly recommended that you quit all programs before continuing with this installation.
Click the 'Next' button to proceed to the next screen. If you want to change something on a previous screen, click the 'Previous' button.
You may cancel this installation at any time by clicking the 'Cancel' button.
InstallAnywhere
Cancel
Previous
Next

Diagram 2-3

Step 4: Click "Choose" button to change the default folder. After choosing the installed folder, click "Next" button. Refer to the following diagram 2-4.

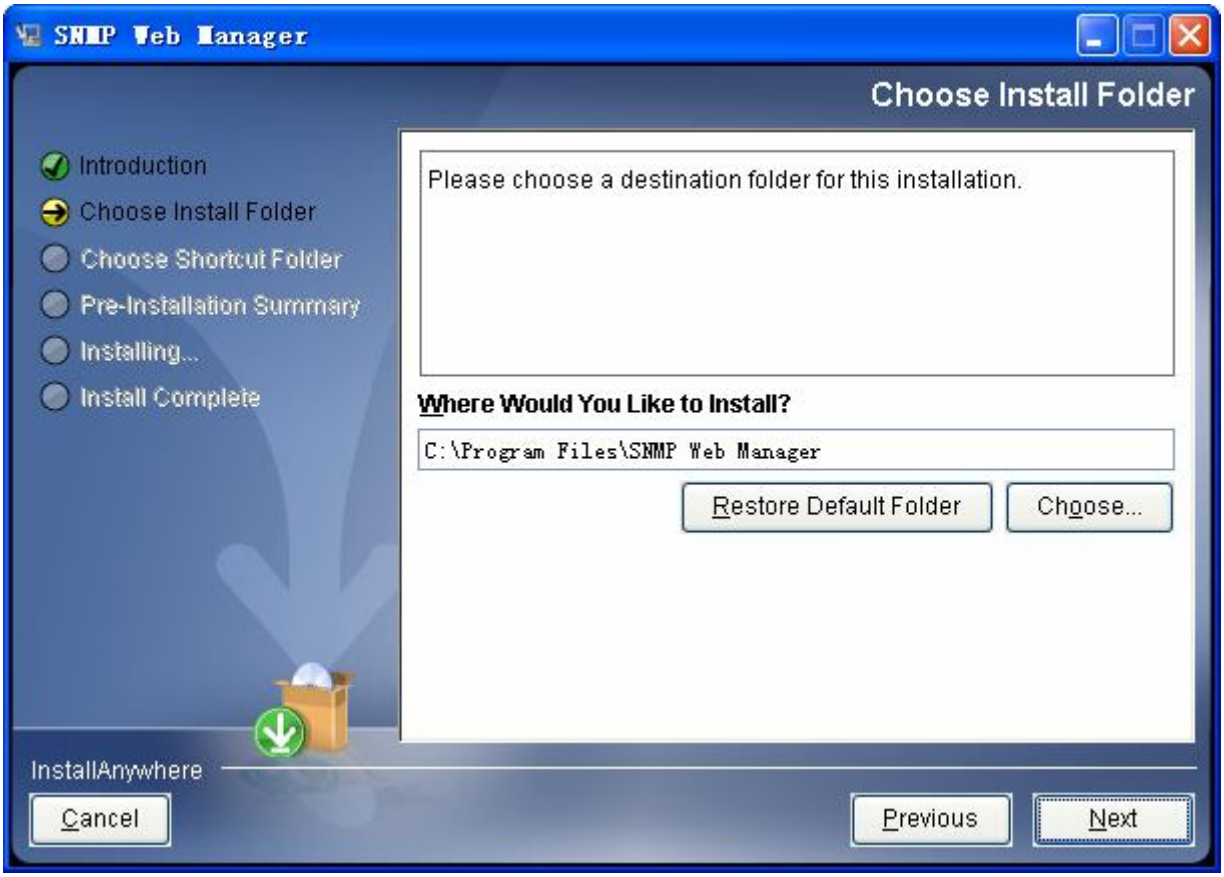

Diagram 2-4

Step 5: Choose the shortcut folder and click "Next" button. Refer to the following diagram 2-5.

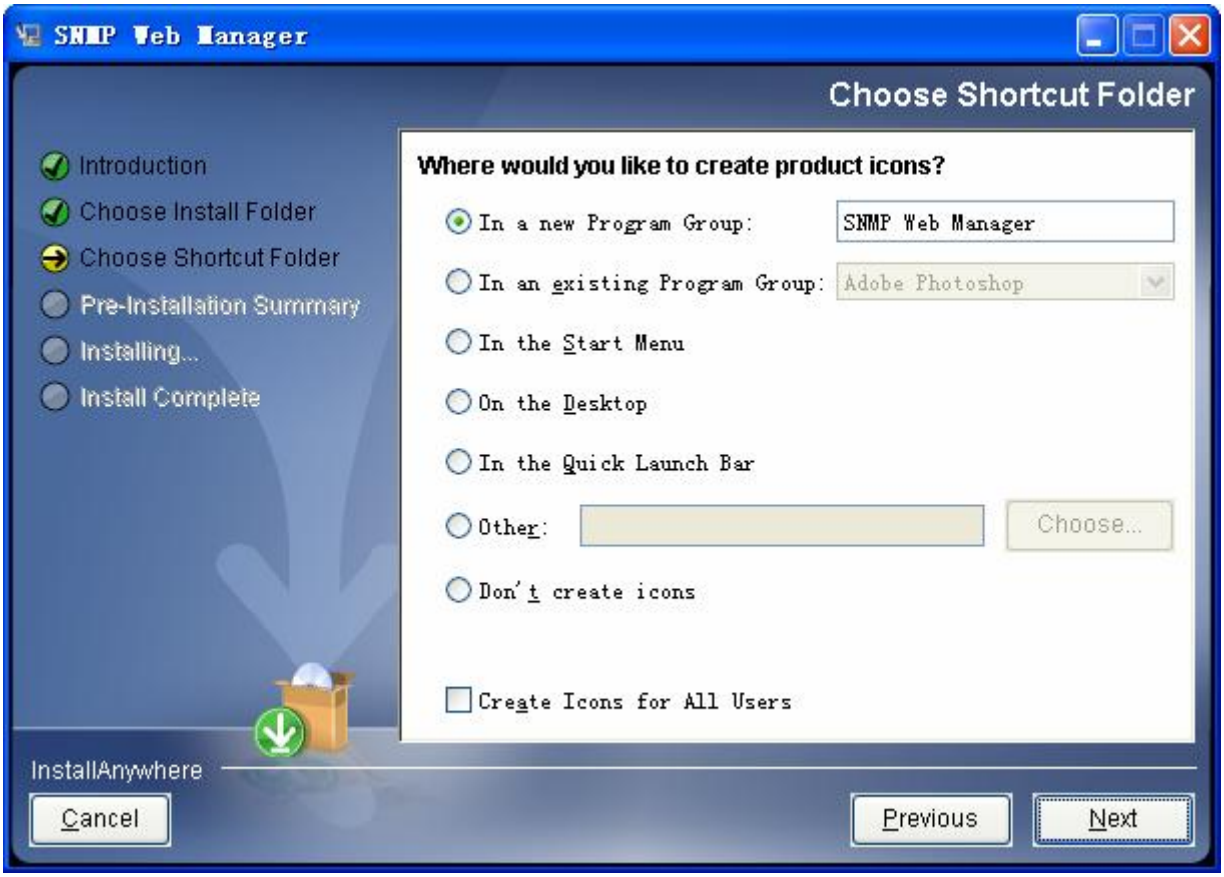

Diagram 2-5

Step 6: It will display the software summary before installation. Click "Install" button to start the installation and refer to Diagram 2-6.

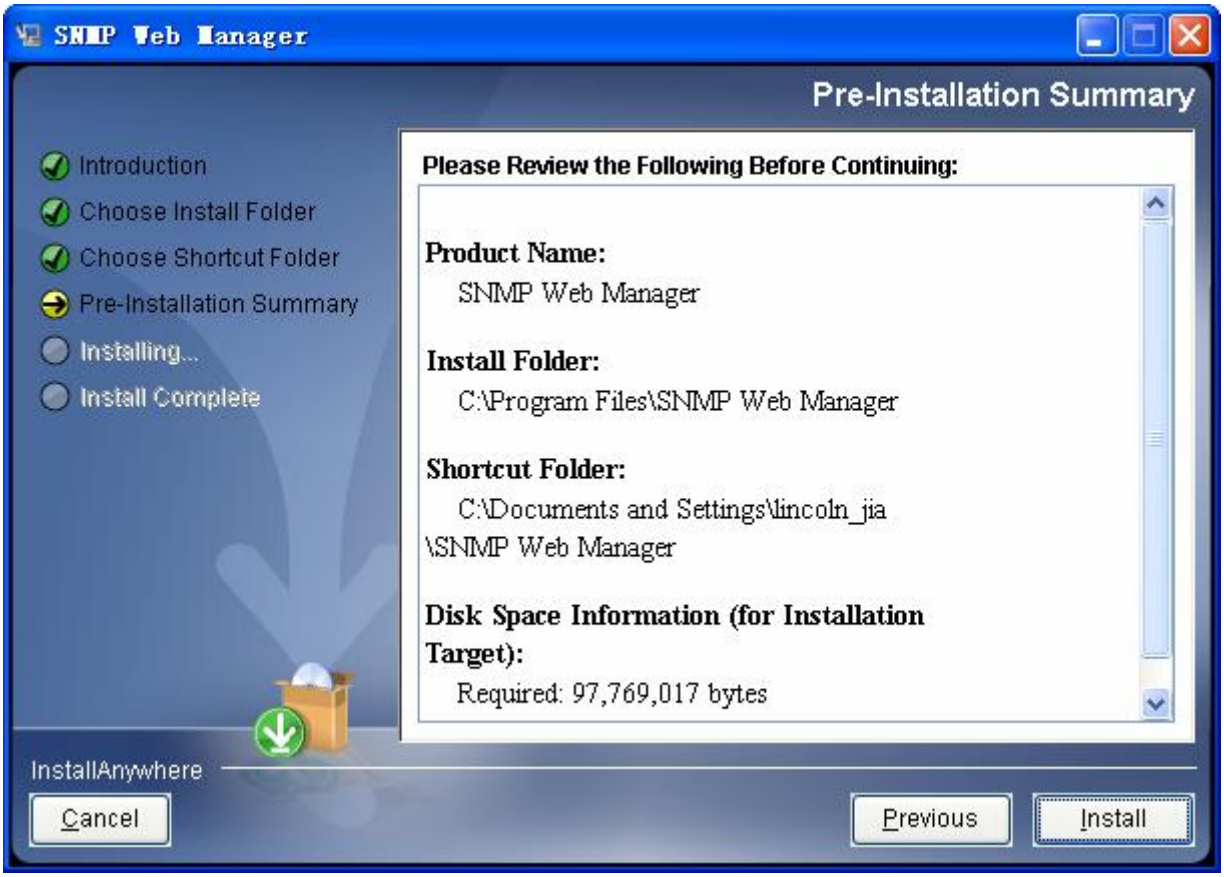

Diagram 2-6

Step 7: Click "Done" button to confirm the installation completely.

Refer to Diagram 2-7.

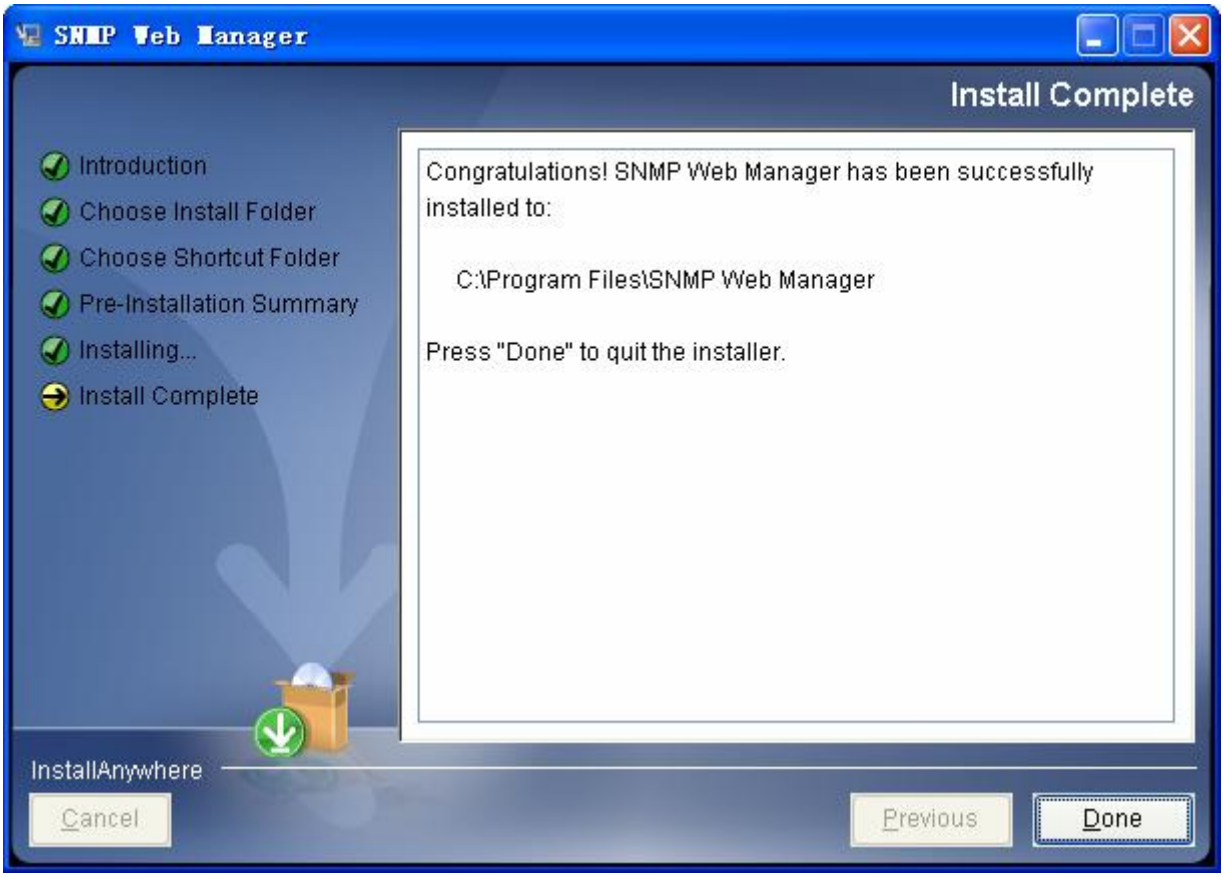

Diagram 2-7

Note: Please uninstall the previous version before install the new version software.

2.2. Software Quick Start

The Installer will leave a shortcut icon on your desktop. Simply click the shortcut. Then it will start the software. Refer to below diagram.

Or, use the Start Menu method; Start >> All Programs >> SNMP Web Manager >> SNMP Web Manager

Shortcut icon

2.3. Software Uninstall

Note: Before uninstall software, you must stop all software programs first and then log in as “Administrator”! Otherwise it can't be uninstalled completely.

Please choose Start >> All Programs >> SNMP Web Manager >> Uninstall. Then follow the on-screen instruction to uninstall the software.

3. SNMP Web Manager GUI

The GUI has four sections as marked in the illustration below:

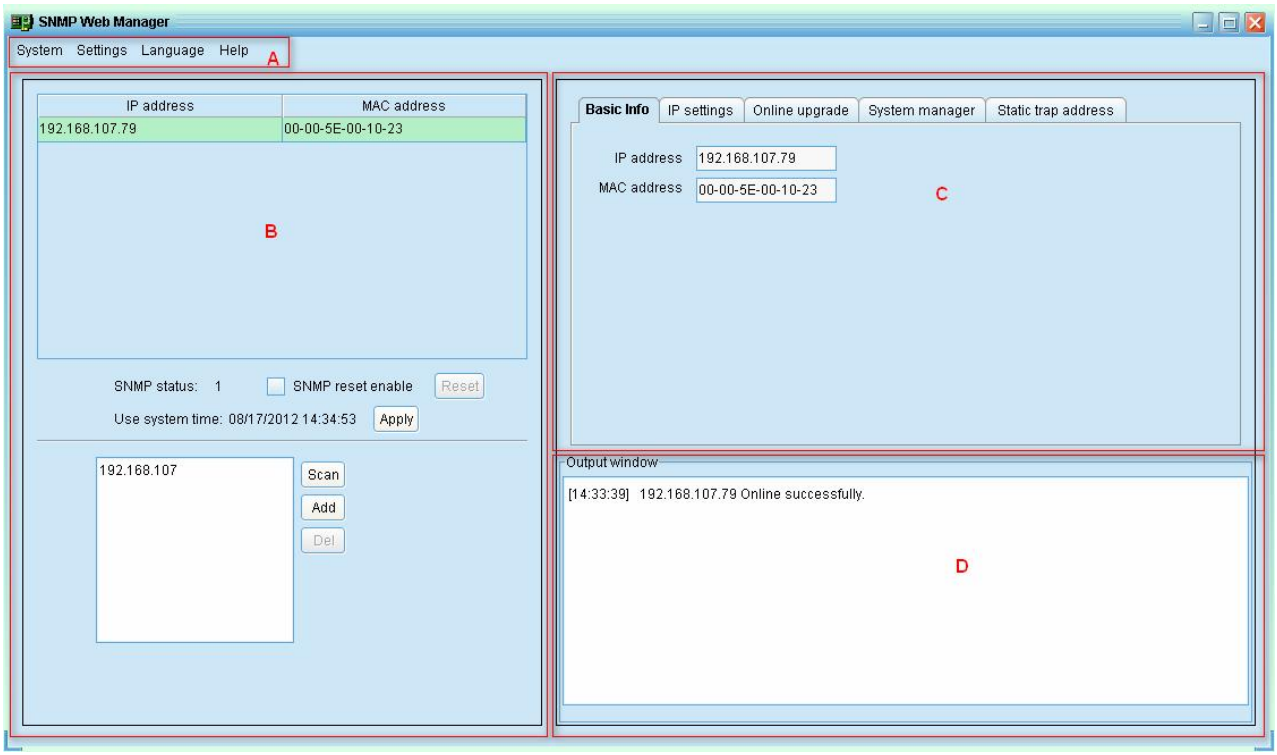

Diagram 3-1

A. Function menu offers complete tool-set for navigating and setting the GUI.

B. SNMP device list can list down all SNMP devices located in current IP address.

C. Configuration area includes IP settings, online upgrade, password management, and static trap address.

D. Output window displays all messages for operations

3.1. SNMP Device List

The default value in window list would be current PC IP address. For example, if IP address of current PC is "192.168.102.10", it will display "192.168.102" in list when first enabling SNMP Web Manager.

3.2. Scan

You may enter specific IP address and then click “Scan” button to search.

3.3. Add IP Address

Click “Add” button and it will pop up a window to ask for entering specific IP address. Then, click “Apply” button to add IP address (Subnet). Refer to Diagram 3-2.

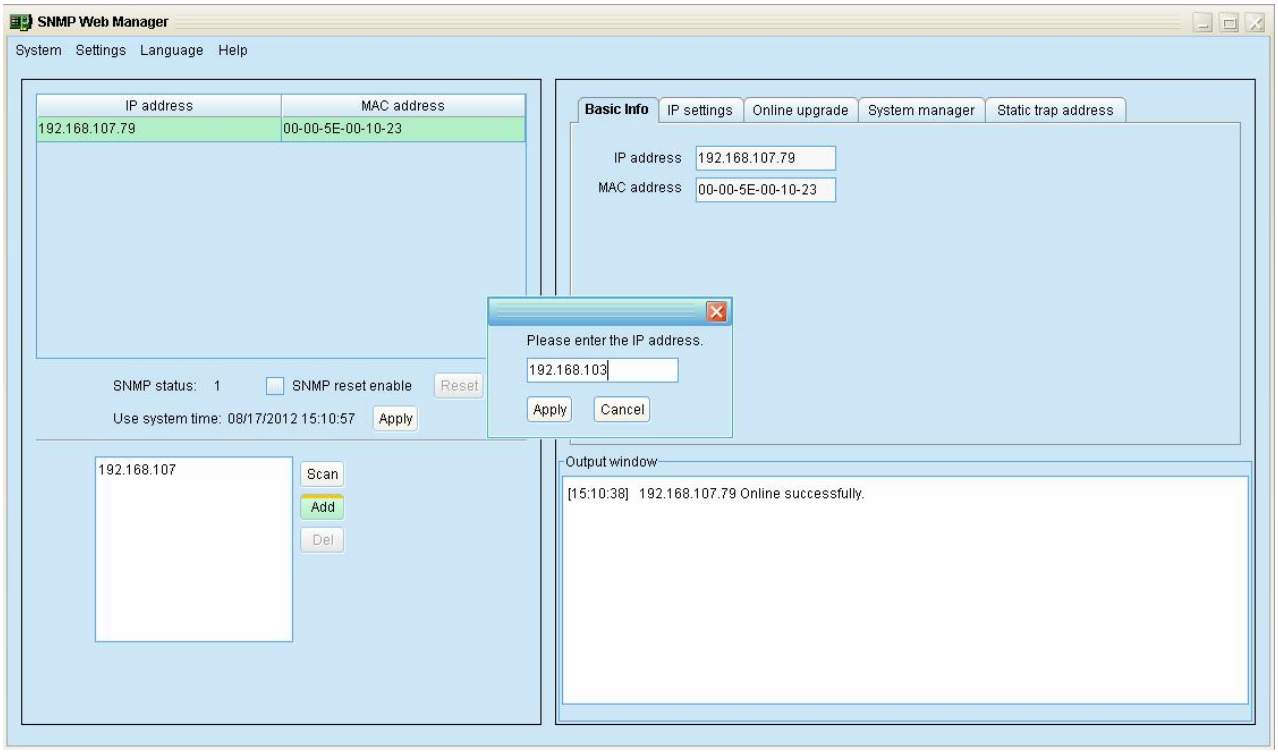

Diagram 3-2

3.4. Delete IP Address

Select unnecessary IP address from list and click “Del” button to delete from list.

3.5. Open web server page

Double click device list to open web server page. Refer to Diagram 3-3.

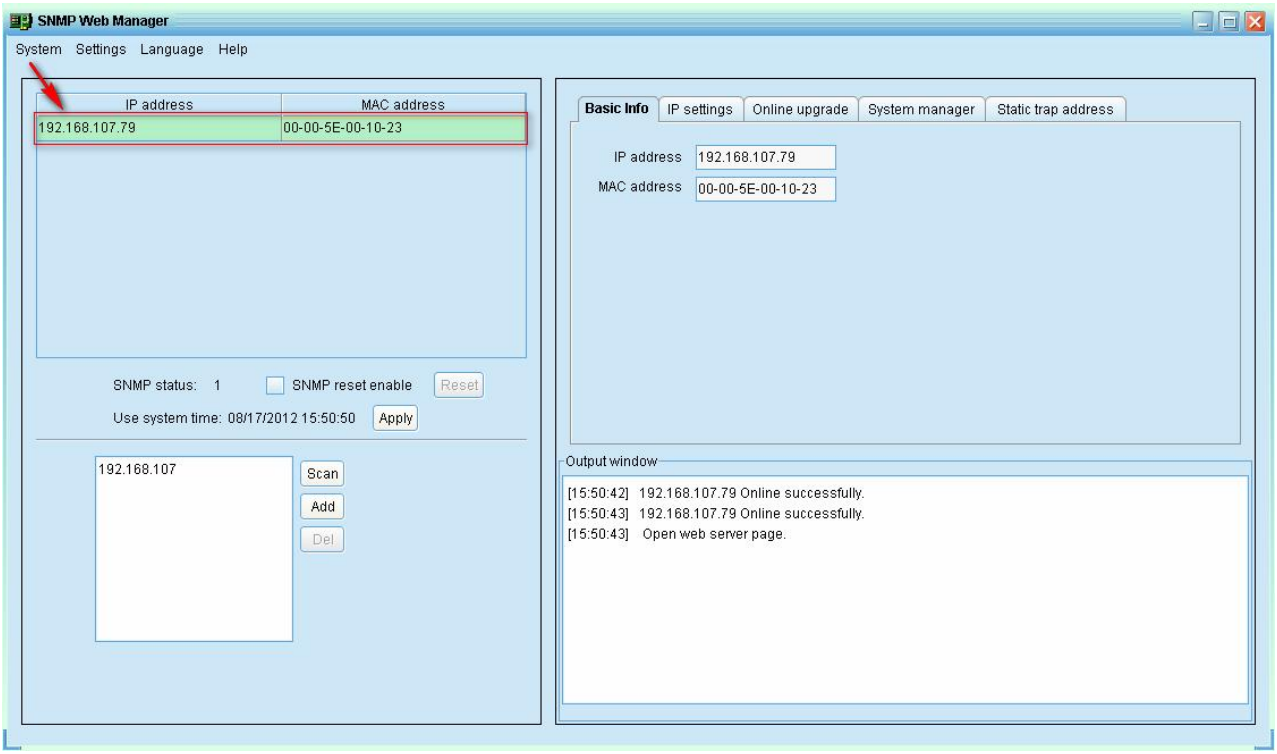

Diagram 3-3

You will see the SNMP web server page, Refer to Diagram 3-4.

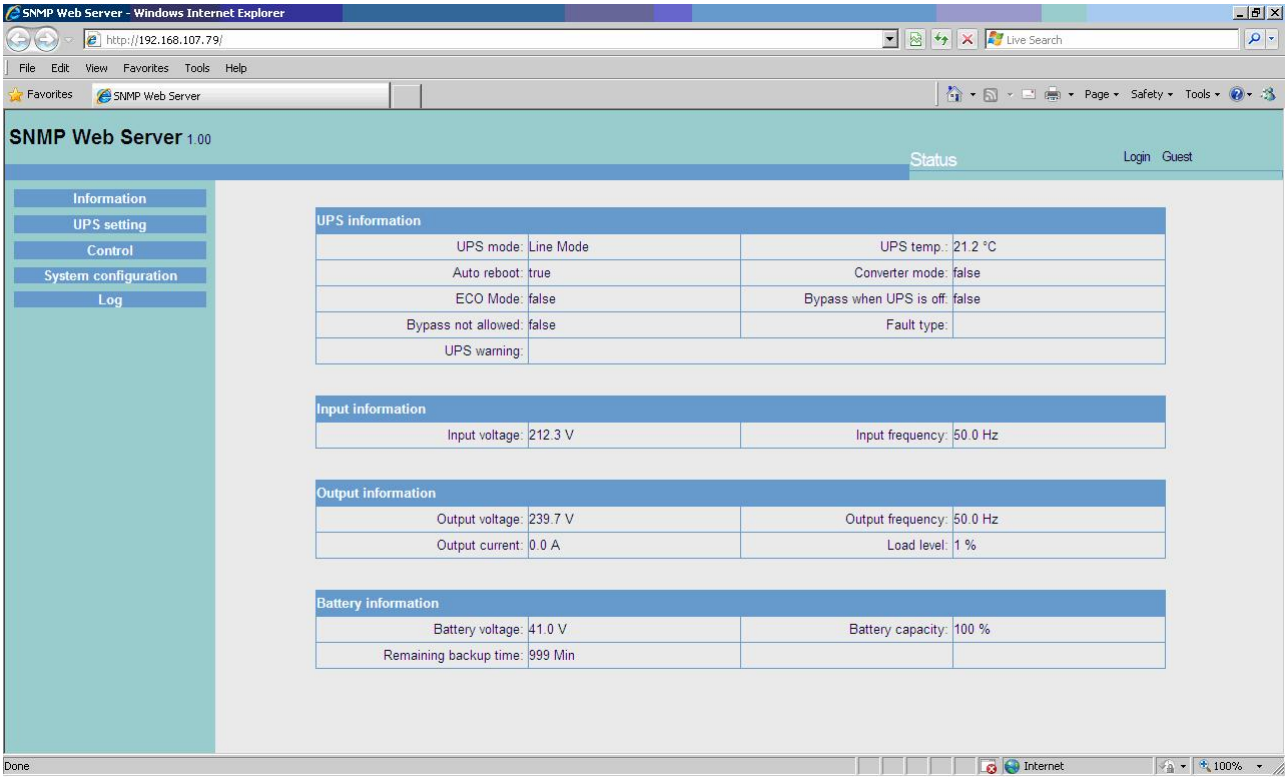

Diagram 3-4

3.6. SNMP Status

After you selected IP from the IP list, SNMP status will become 0 or 1. If SNMP card has program inside, SNMP status becomes 1. If it has not program inside, SNMP status becomes 0. If you never select any IP, SNMP status will be the default "---". Refer to Diagram 3-5.

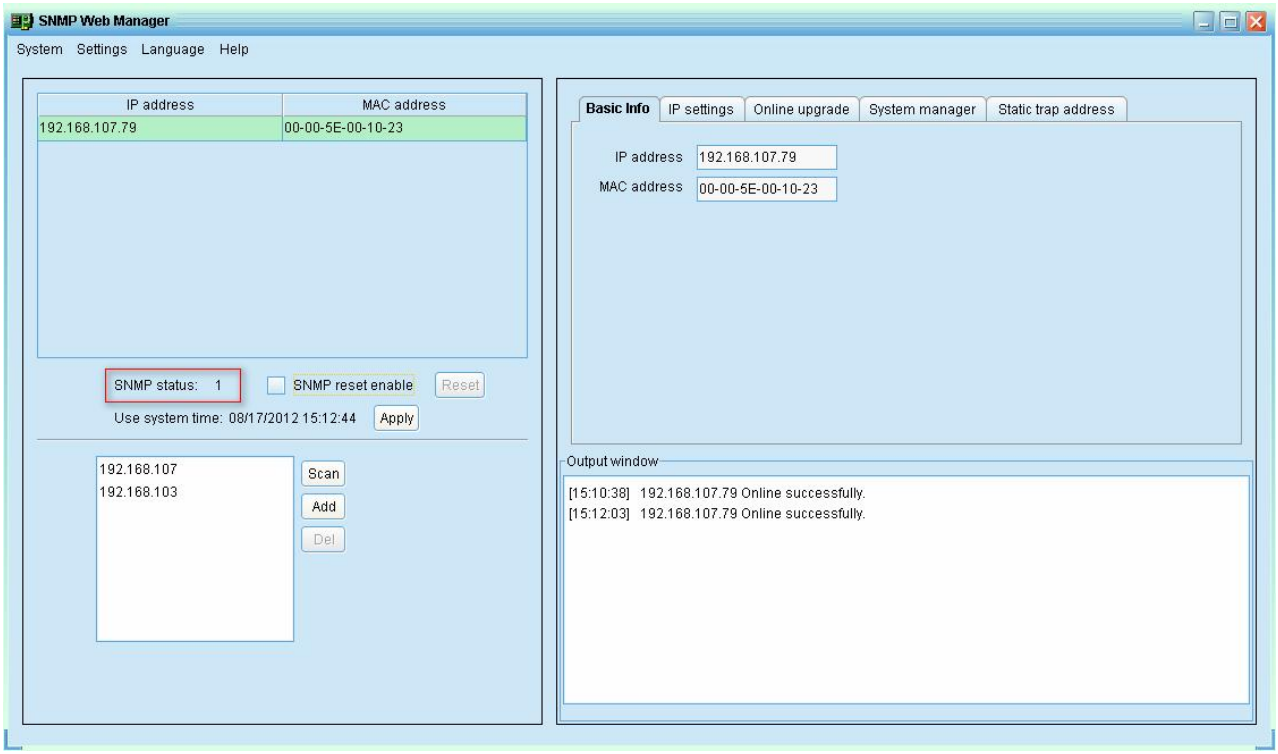

Diagram 3-5

3.7. Reset

If it requires restarting the device IP addresses, please select the "SNMP reset enable" and click on the "Reset" button, then confirm the login, you can restart the device. Steps are as follows:

Step1: Selected from the IP list of equipment needed to restart IP. At this point, "SNMP reset enable" will be checked into. Refer to Diagram 3-6.

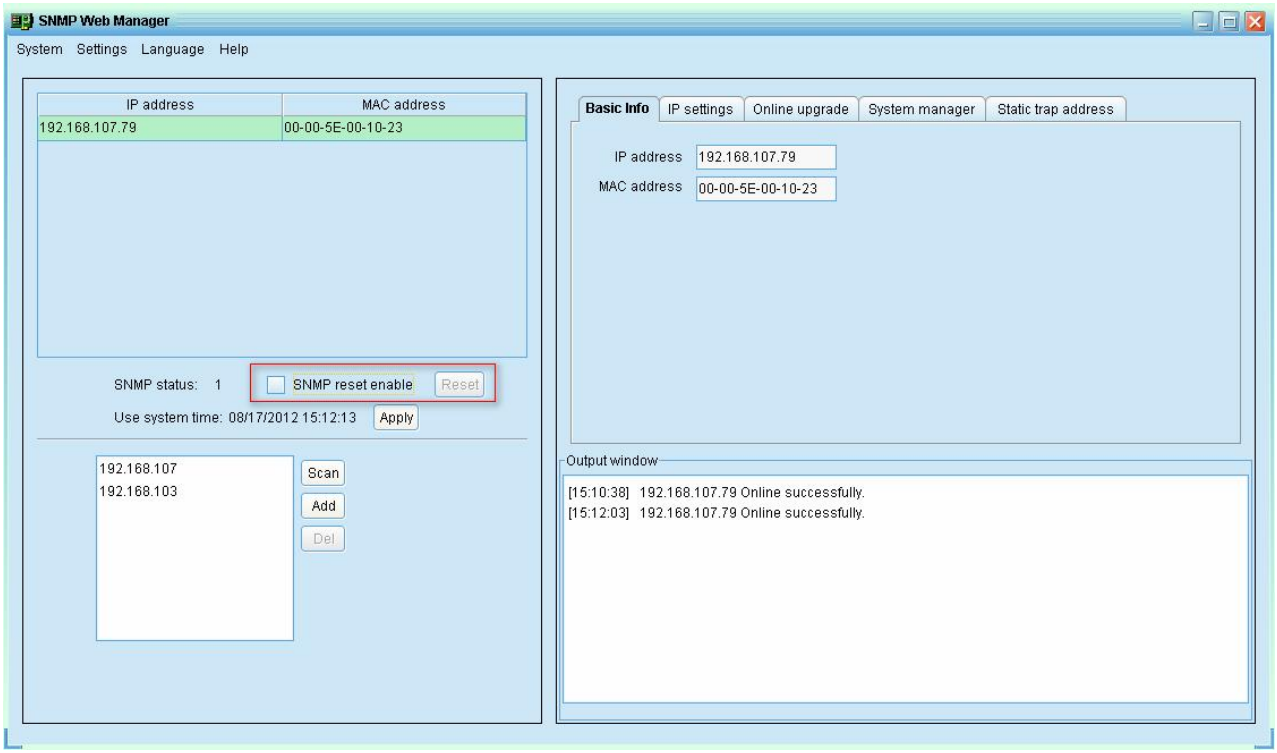

Diagram 3-6

Step2: Check the "SNMP reset enable". Then "Reset" button will become available Click. Refer to Diagram 3-7.

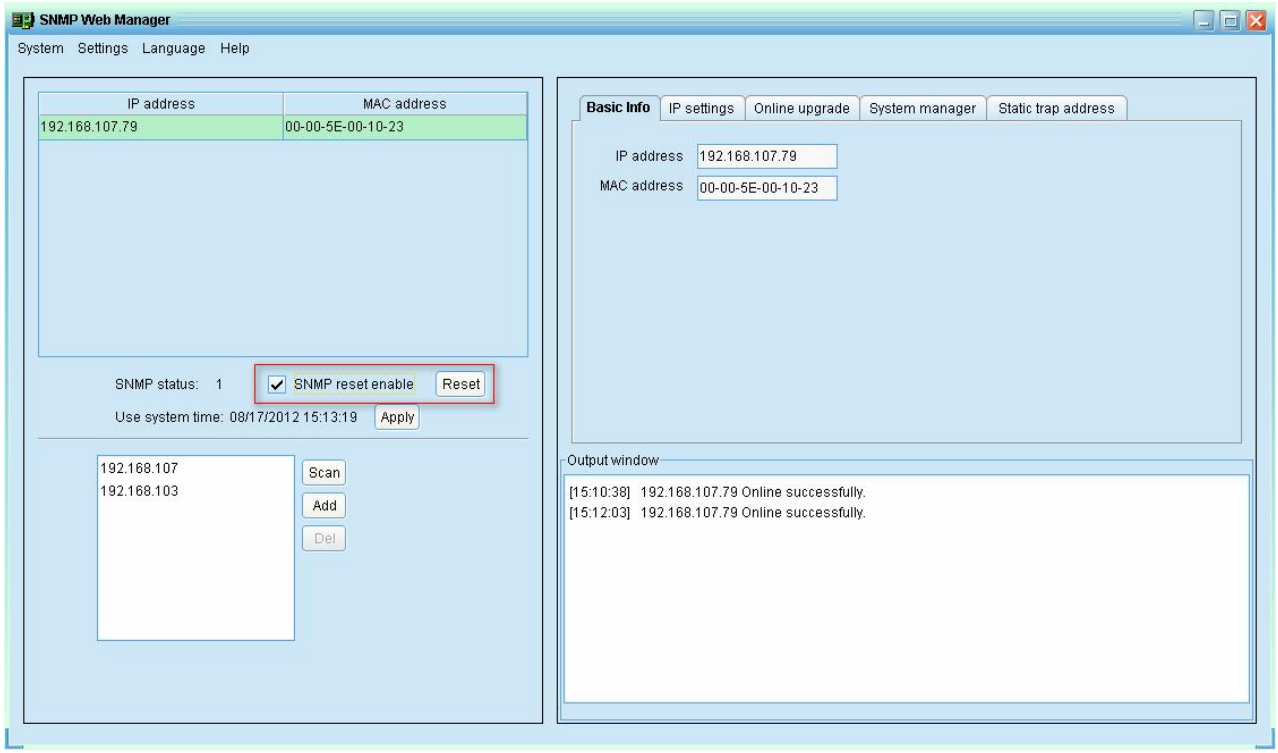

Diagram 3-7

Step3: Click the "Reset" button, and then prompts the user to confirm the operation. Refer to Diagram 3-8.

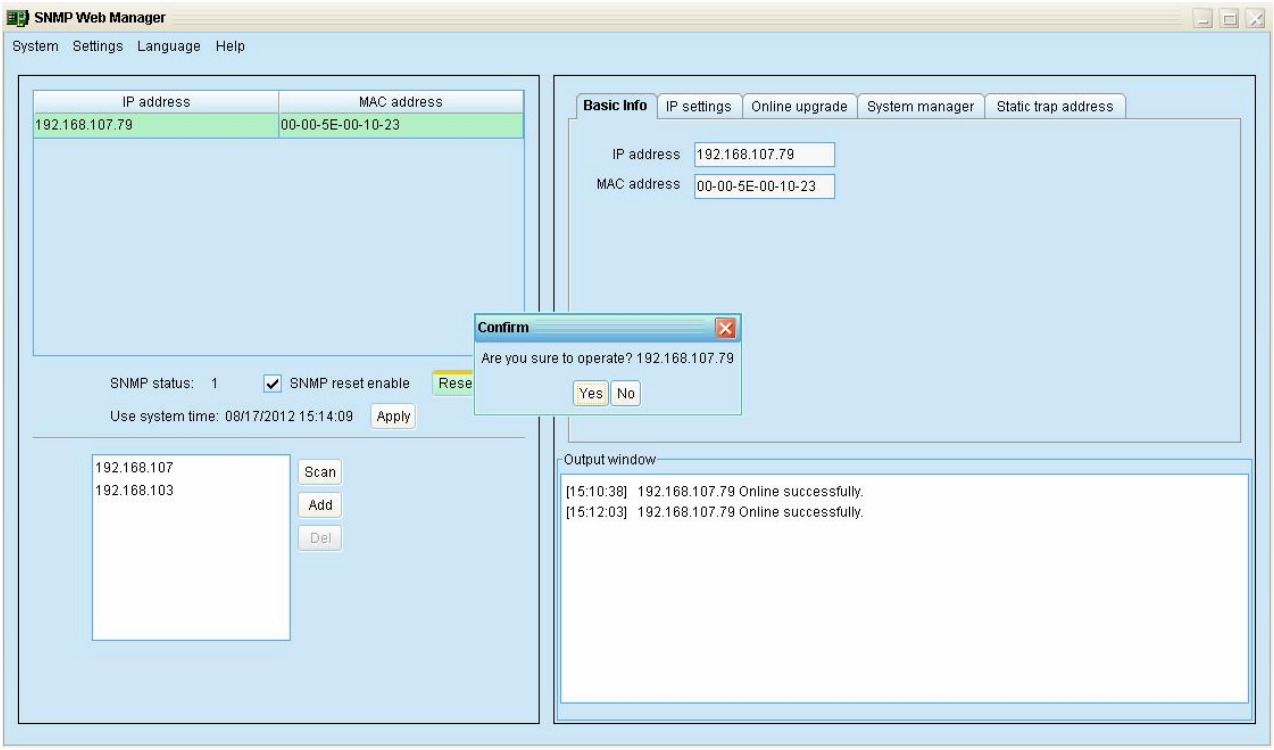

Diagram 3-8

Step4: Select "Yes", you will be prompted to log in, select "No", the suspension of operation. Refer to Diagram 3-9.

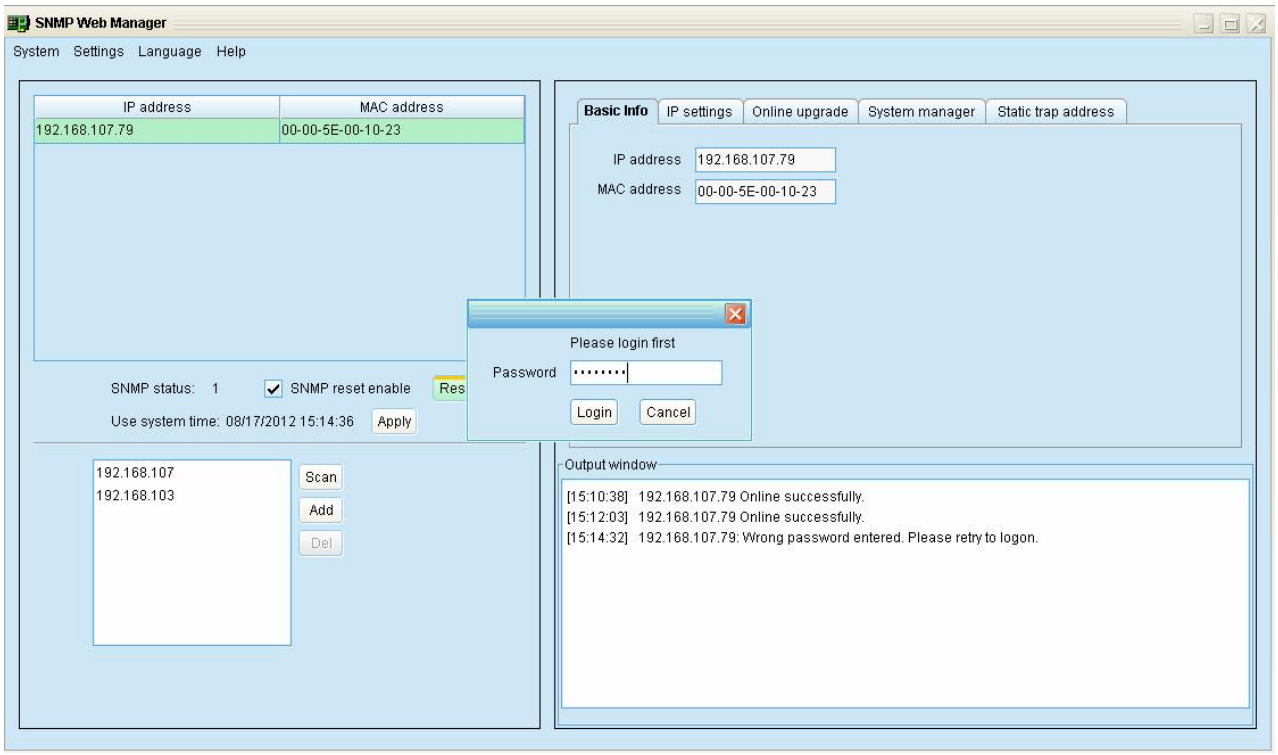

Diagram 3-9

Step5: Enter the correct password, and then click "Login" button, the target device will be restarted.

NOTE: If before you reboot, change the current device MAC address, and the current device is the use of DHCP (Automatically obtain IP address), then reboot, you need to manually click on "Scan" button to scan.

3.8. Use system time

If you select use system time, the SNMP card will use PC system time. Refer to Diagram 3-10.

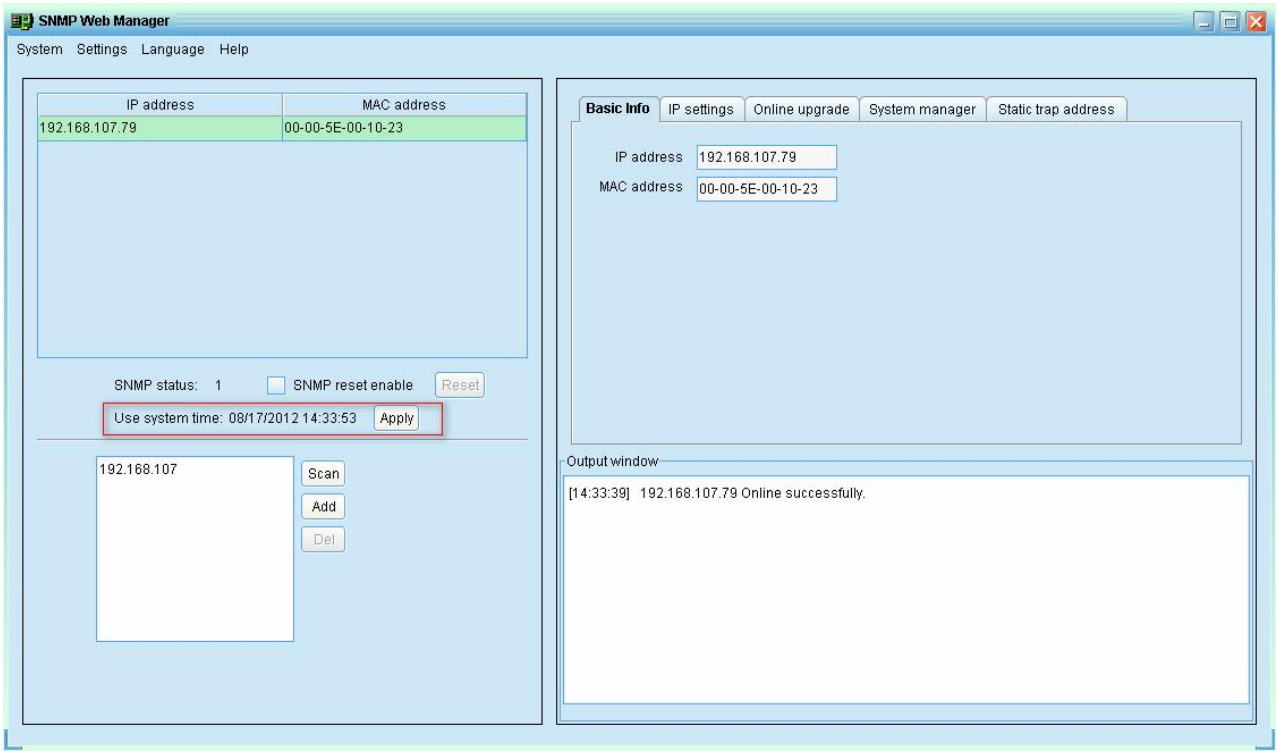

Diagram 3-10

4. SNMP Web Manager Function Menu

4.2. System

4.2.1. Login

When remote login to access SNMP devices, it's necessary to verify ID. The default password is "12345678".

Step1: Select System >> Login

Step2: Enter default password and then click "Login" button. Or click "Cancel" to cancel login. Refer to Diagram 4-1.

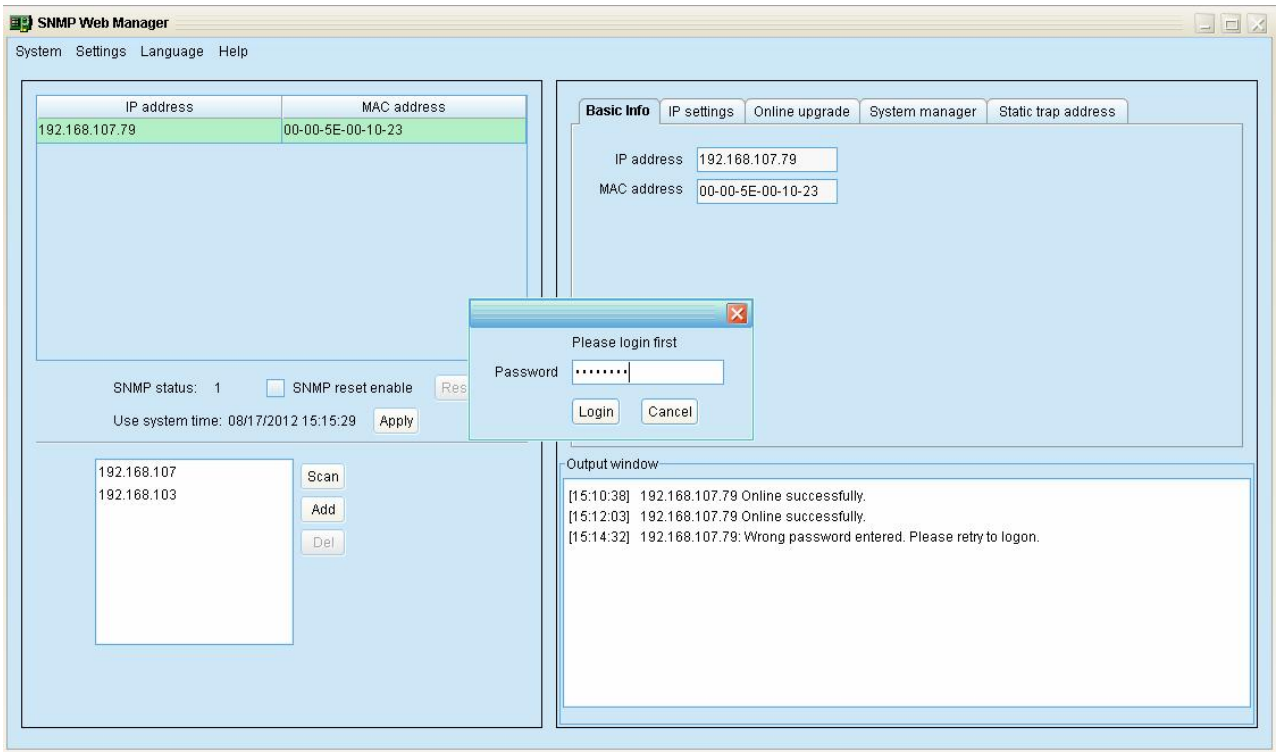

Diagram 4-1

4.2.2. Logout

Clear all currently saved passwords.

4.2.3. Quit

Select "Quick" to exit SNMP Web Manager.

4.3. Settings

4.3.1. Basic Info

Basic information display IP address and Mac address. Refer to Diagram 4-2。

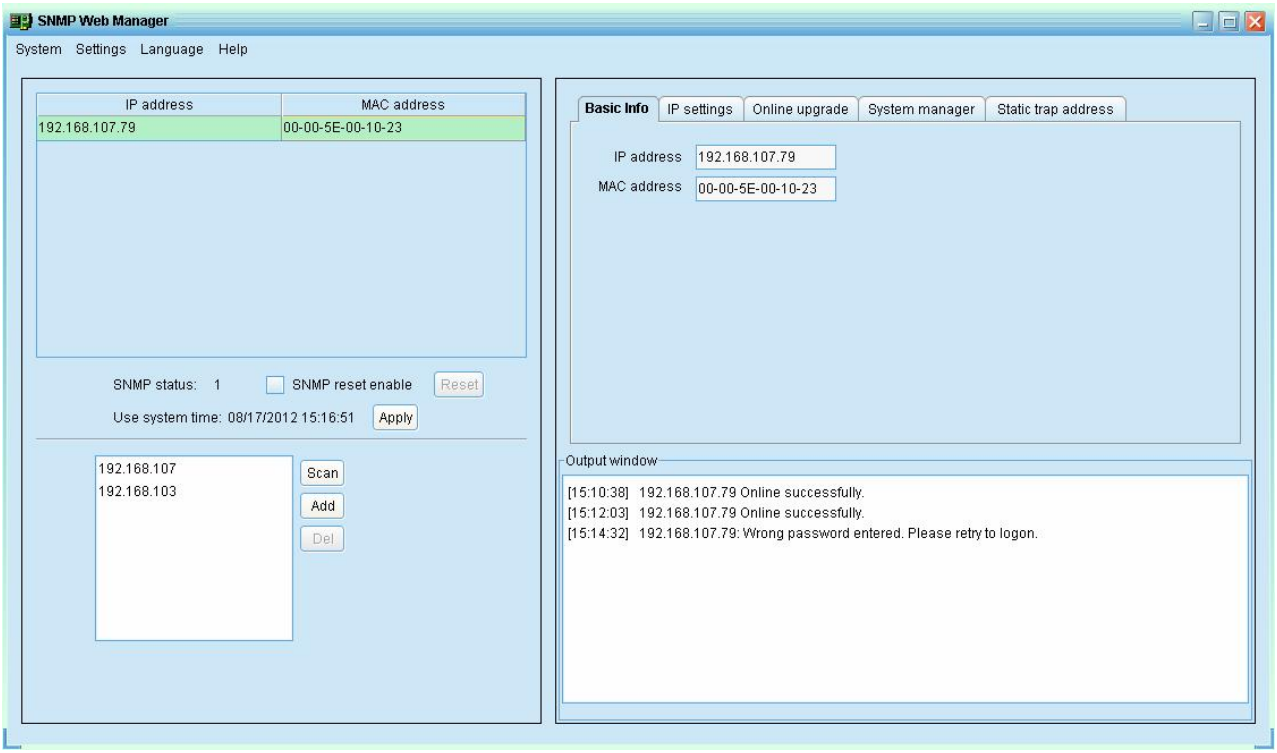

Diagram 4-2

4.3.2. IP Setting

Part 1: Change MAC address

Step 1: IP list, select from the need to modify the MAC address of the device, then "Change" will be checked into, Refer to Diagram 4-3.

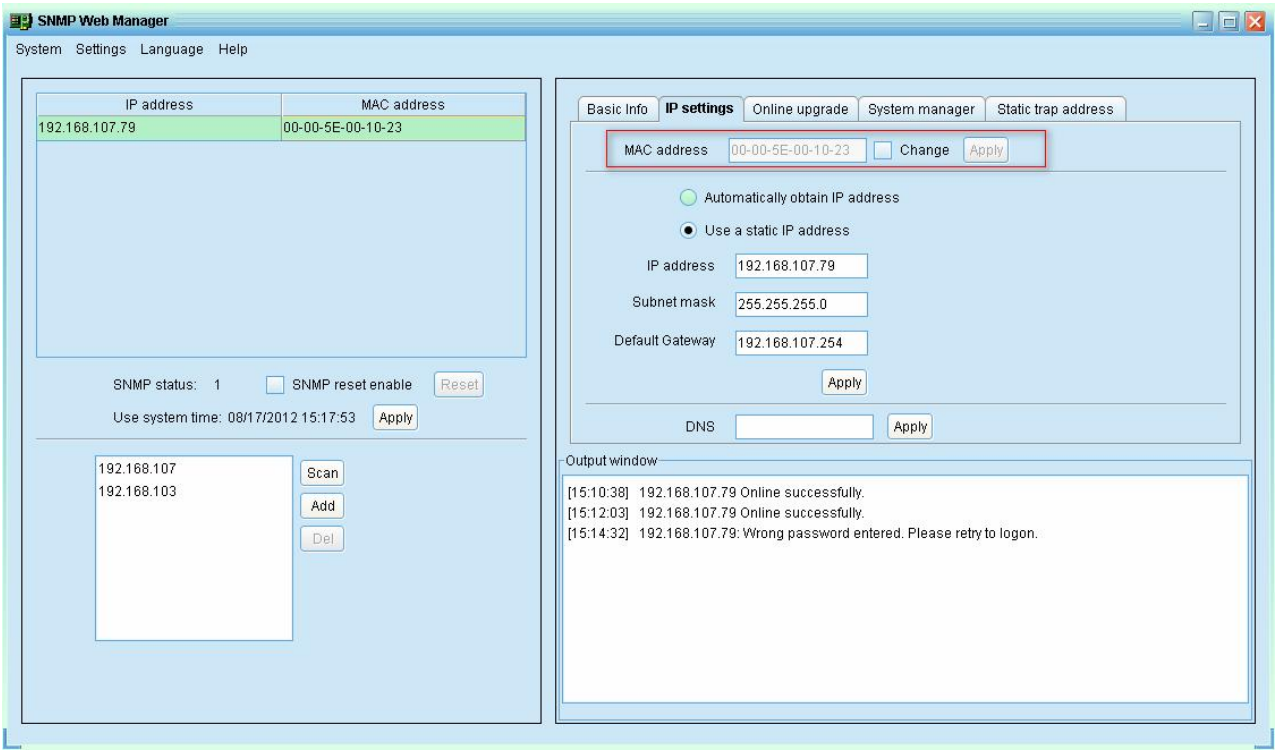

Diagram 4-3

Step 2: Check the "Change", then enter the MAC address can be entered into a box, "Apply" button will become clickable, Refer to Diagram 4-4.

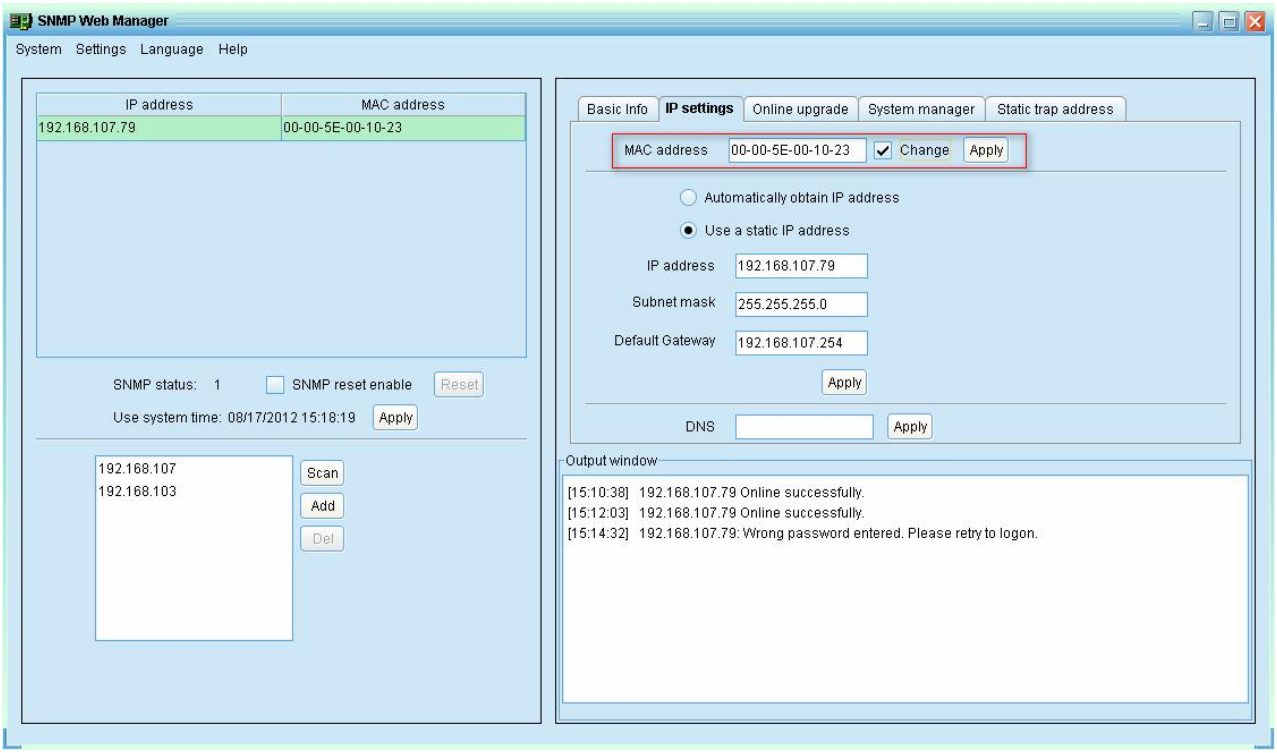

Diagram 4-4

Step 3: After modifying MAC address, click "Apply" button, then the user is prompted to confirm the operation, Refer to Diagram 4-5.

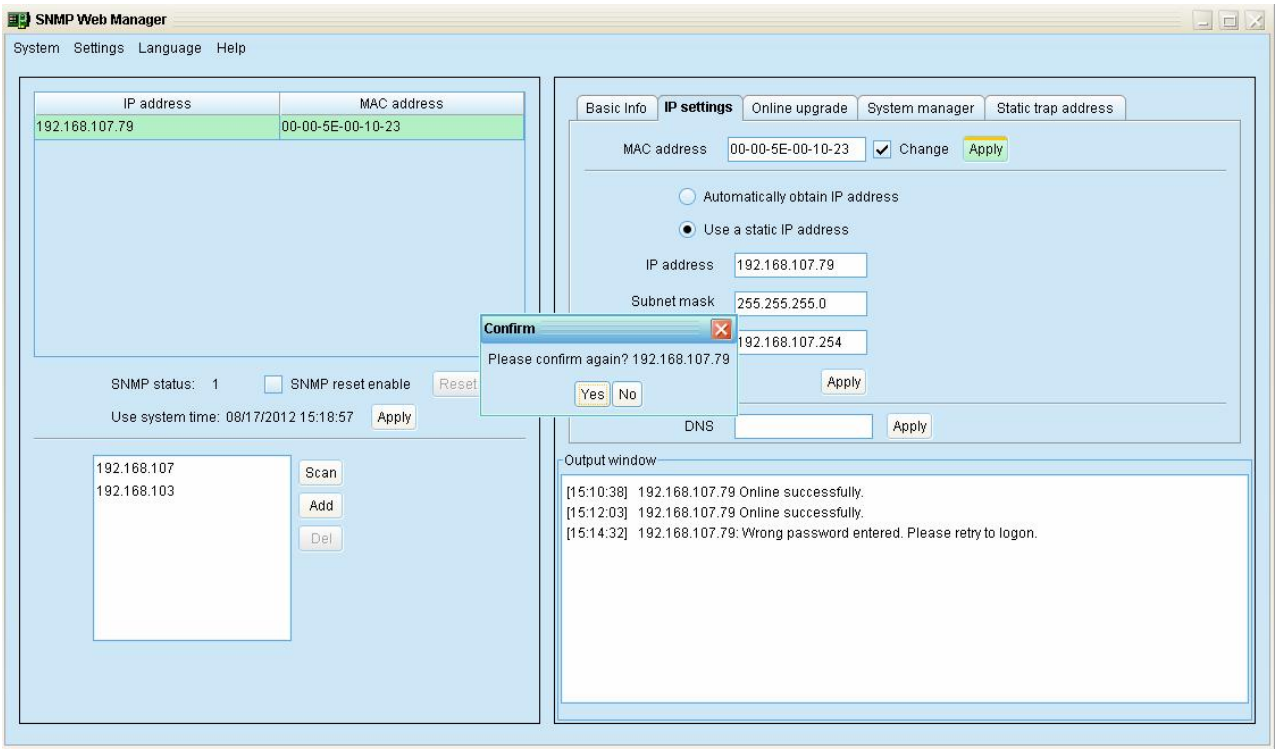

Diagram 4-5

Step 4: Confirm the operation; it will prompt "Operation success". Refer to Diagram 4-6.

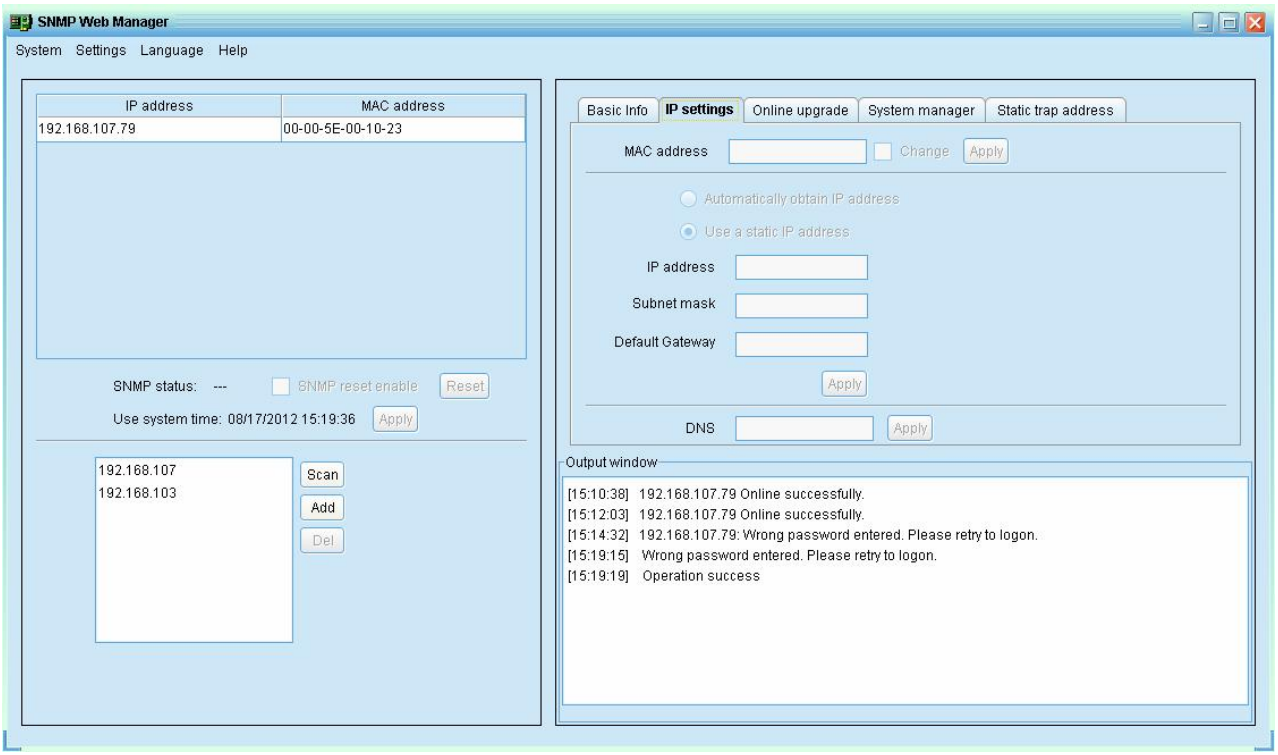

Diagram 4-6

Part 2: There are two methods to obtain IP address:

- Automatically obtain IP address (DHCP)
- Manually configure IP address

The system will default automatically obtain IP addresses. If there is no this kind of service provided in LAN, the default IP will display as “192.168.102.230”, Net mask as “255.255.255.0” and default gateway as “0.0.0.0”. Refer to Diagram 4-7.

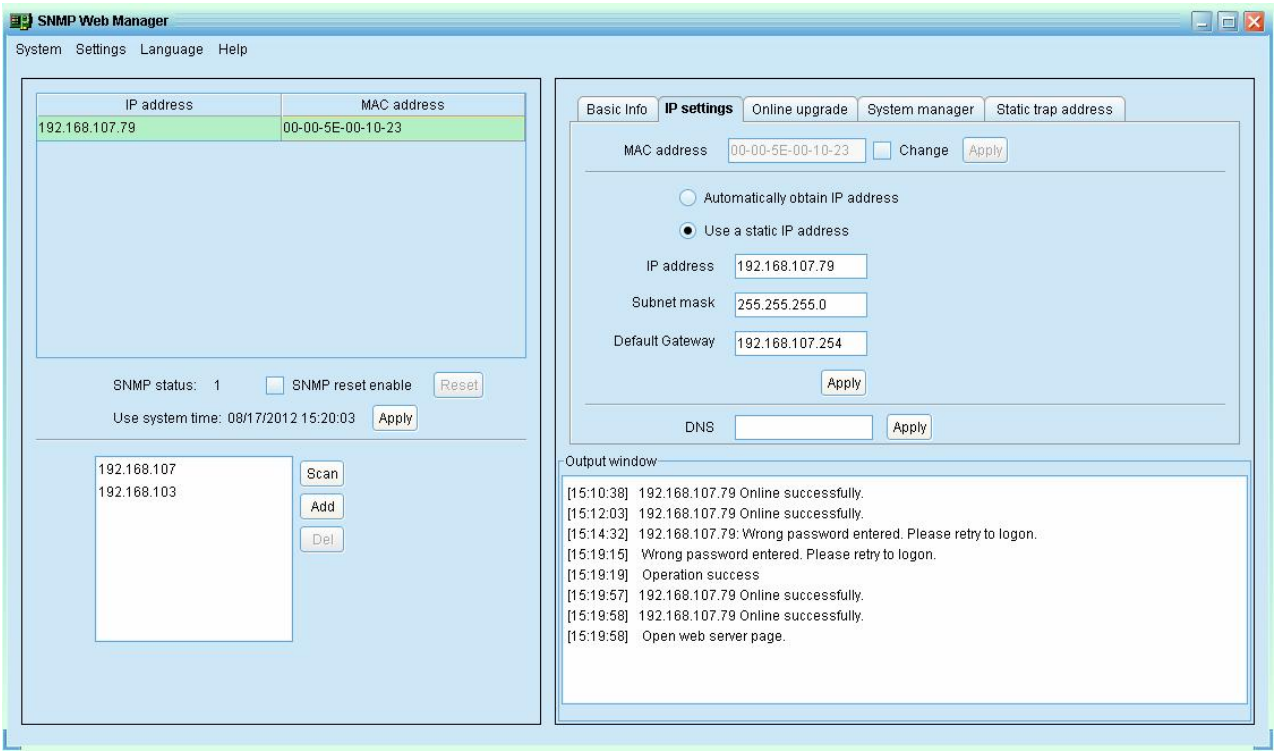

Diagram 4-7

Part 3: DNS setting:

Enter the DNS, and then click “Apply” button. Refer to Diagram 4-8.

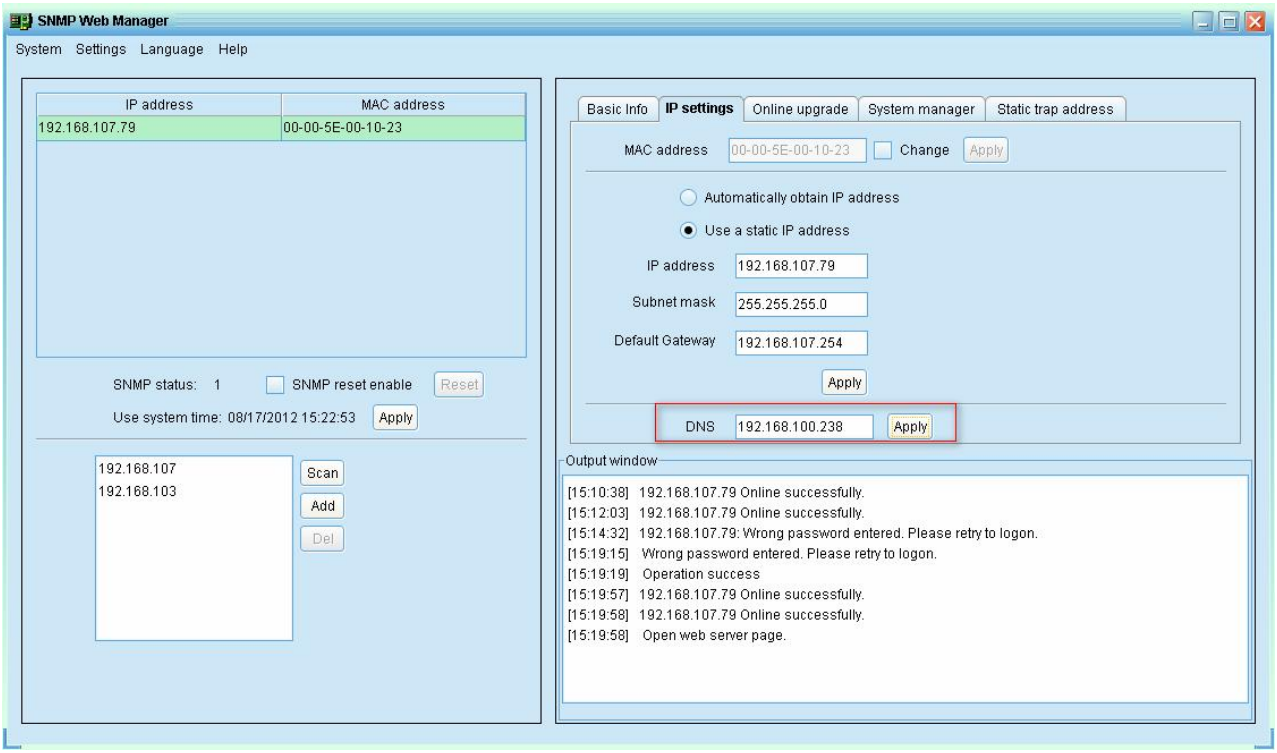

Diagram 4-8

4.3.3. Online upgrade

There are three methods for online upgrade:

- Upgrade the selected devices: It will upgrade all SNMP devices listed on the window.
- Upgrade all un-upgraded devices: It will only upgrade SNMP devices which are not using the same version as current SNMP device is.
- Force to upgrade all devices: No matter what kinds of version are used for SNMP devices listed in the window list, it will upgrade to the version used for current SNMP device. Refer to Diagram 4-9.

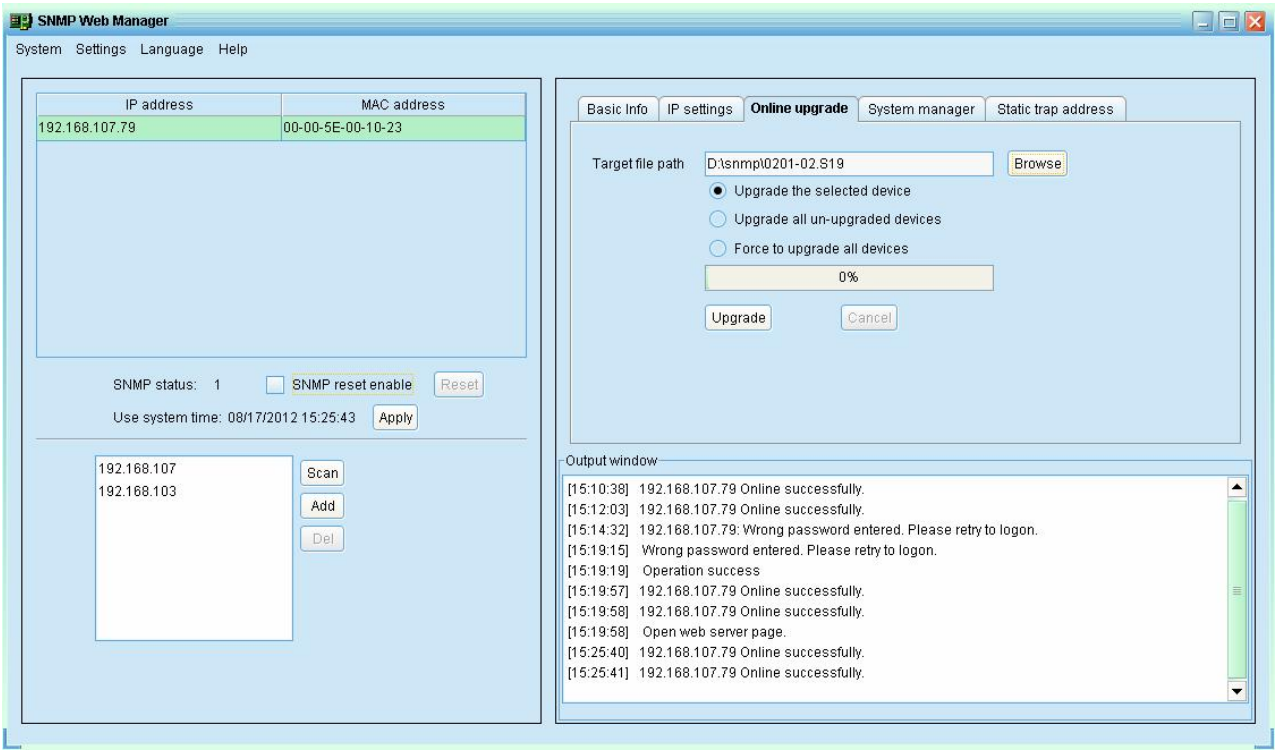

Diagram 4-9

Step1: Click "Browse" button to choose program file. Refer to Diagram 4-10.

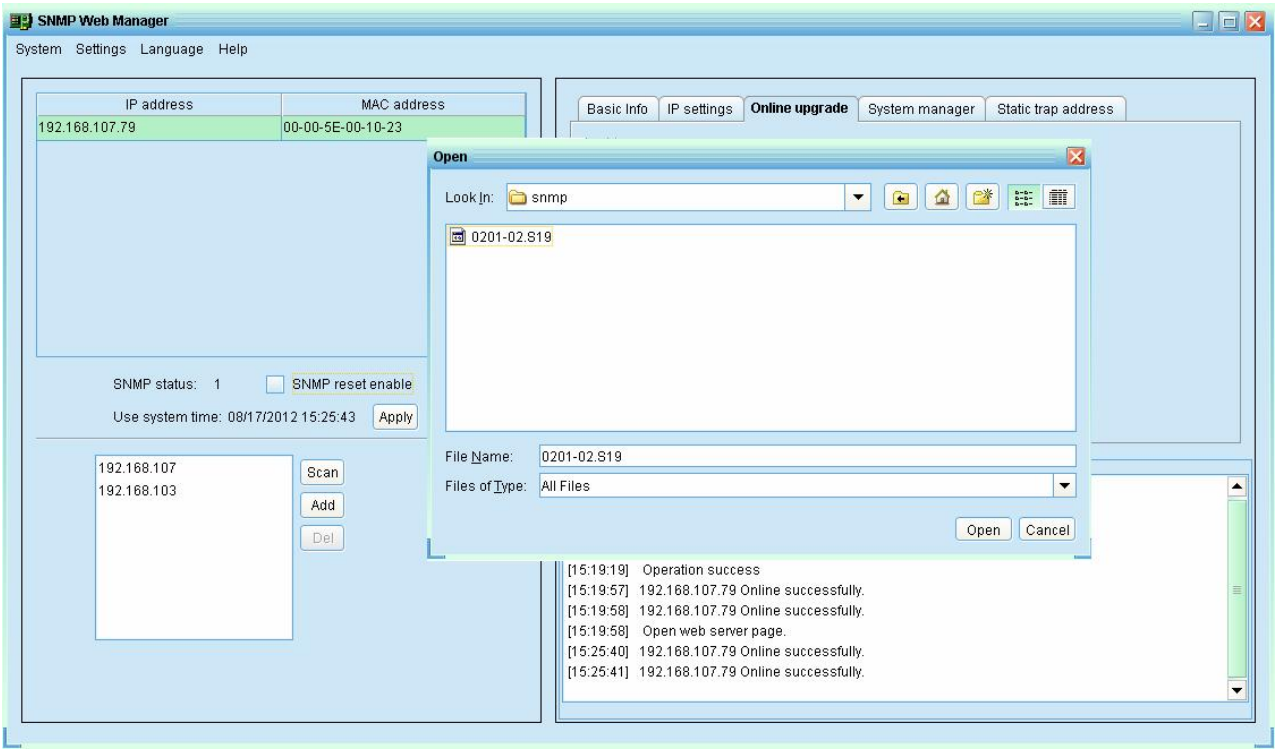

Diagram 4-10

Step2: Click "Upgrade" button to execute upgrade action. Refer to Diagram 4-11.

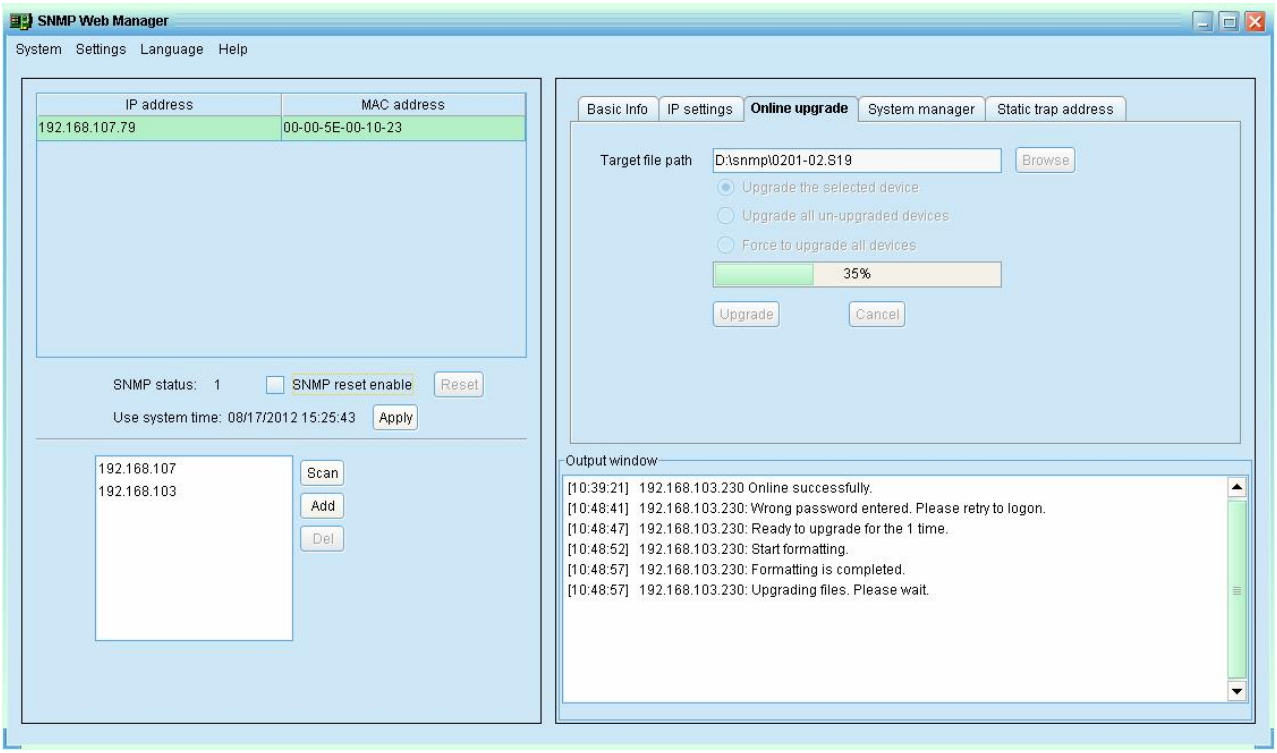
SNMP Web Manager
System Settings Language Help
IP address
MAC address
192.168.107.79
00-00-5E-00-10-23
SNMP status: 1
SNMP reset enable
Reset
Use system time: 08/17/2012 15:25:43
Apply
192.168.107
192.168.103
Scan
Add
Del
Basic Info
IP settings
Online upgrade
System manager
Static trap address
Target file path
D:\snmp\0201-02.S19
Browse
Upgrade the selected device
Upgrade all un-upgraded devices
Force to upgrade all devices
35%
Upgrade
Cancel
Output window
[10:39:21] 192.168.103.230 Online successfully.
[10:48:41] 192.168.103.230: Wrong password entered. Please retry to logon.
[10:48:47] 192.168.103.230: Ready to upgrade for the 1 time.
[10:48:52] 192.168.103.230: Start formatting.
[10:48:57] 192.168.103.230: Formatting is completed.
[10:48:57] 192.168.103.230: Upgrading files. Please wait.

Diagram 4-11

Step3: When upgrade is complete, you may check the message in output window. Refer to Diagram 4-12.

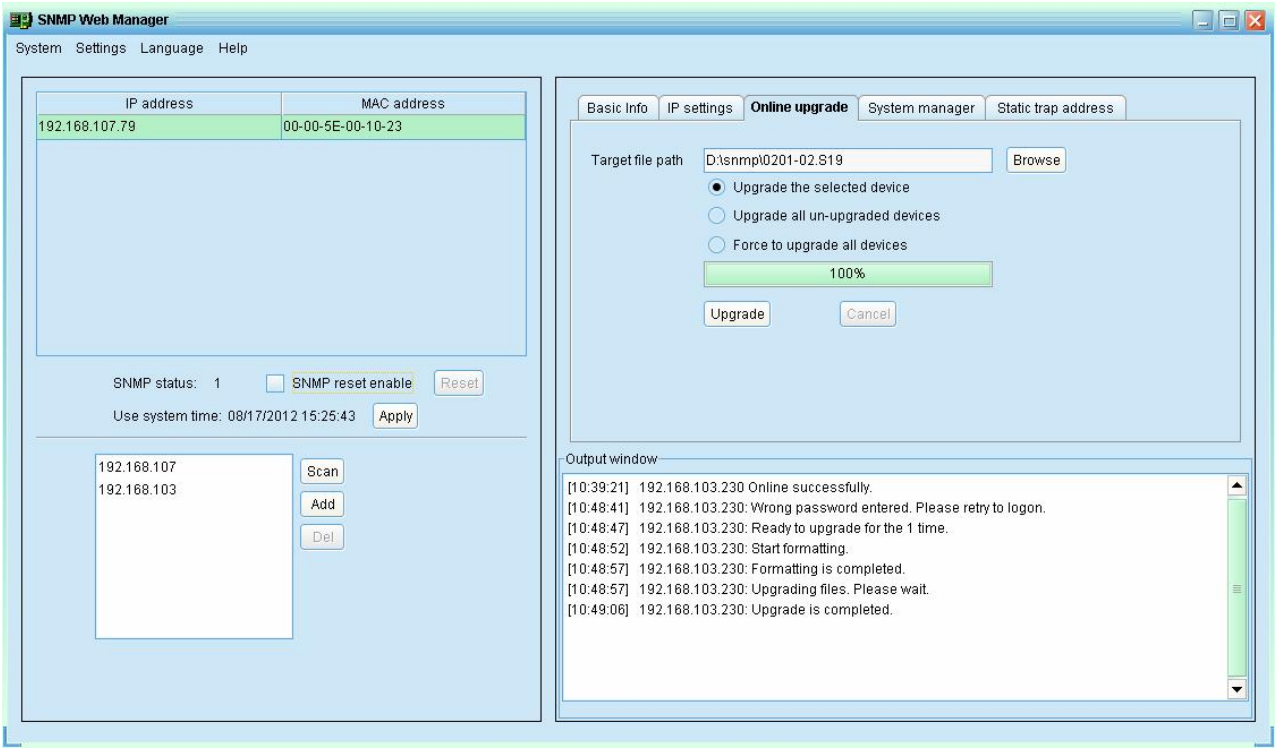

Diagram 4-12

NOTE: If abnormal situation occurs during upgrade process, the system will automatically re-start the upgrade operation. If this interruption occurs five times, then system will automatically stop this operation. At this time, please check if LAN is working fine or not.

4.3.4. System manager

You may modify single password for one SNMP device or all passwords for all SNMP devices. Refer to Diagram 4-13

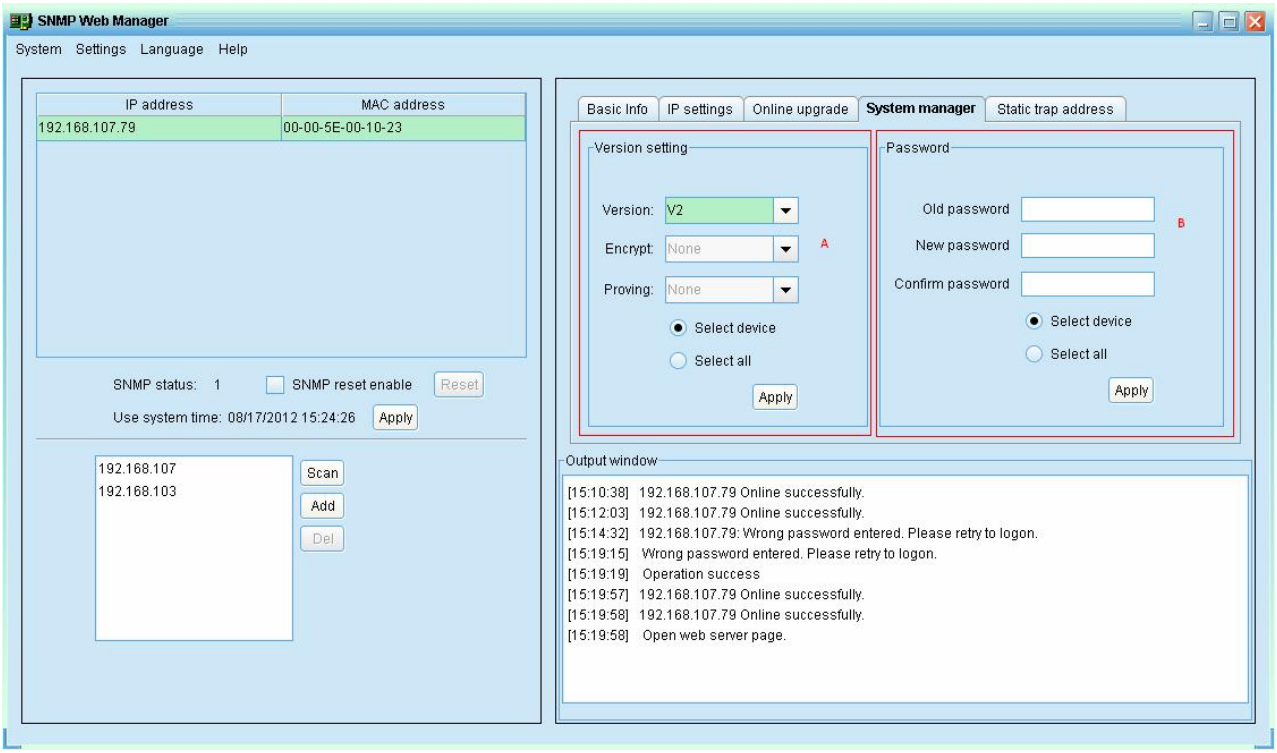

Diagram 4-13

A. Version setting:

You can set SNMP protocol version. It also supports SNMP V3 protocol to monitor data.

- Select device: Choose to set SNMP protocol version for selected SNMP device on the window list.
- Select all: Choose to set SNMP protocol version for all SNMP devices on the window list.
- Operation step: Choose SNMP protocol version, the default is V2. If you choose V3, you should also set encrypt. Then click "Apply" button to complete version setting.

B. Password:

You can modify password.

- Select device: Choose to change password for selected SNMP device on the window list
- Select all: Choose to change passwords for all SNMP devices on the window list
- Operation step: Enter original password, new password, and re-enter new password to confirm. Then click "Apply" button to complete password change.

NOTE: The length of password is 8~15 digits, if the password modifies operation for all SNMP devices, all SNMP devices password must be consistent.

4.3.5. Static trap address

You may configure two static trap addresses and change trap port in SNMP Web Manager. The default trap port is 162.Refer to Diagram 4-14.

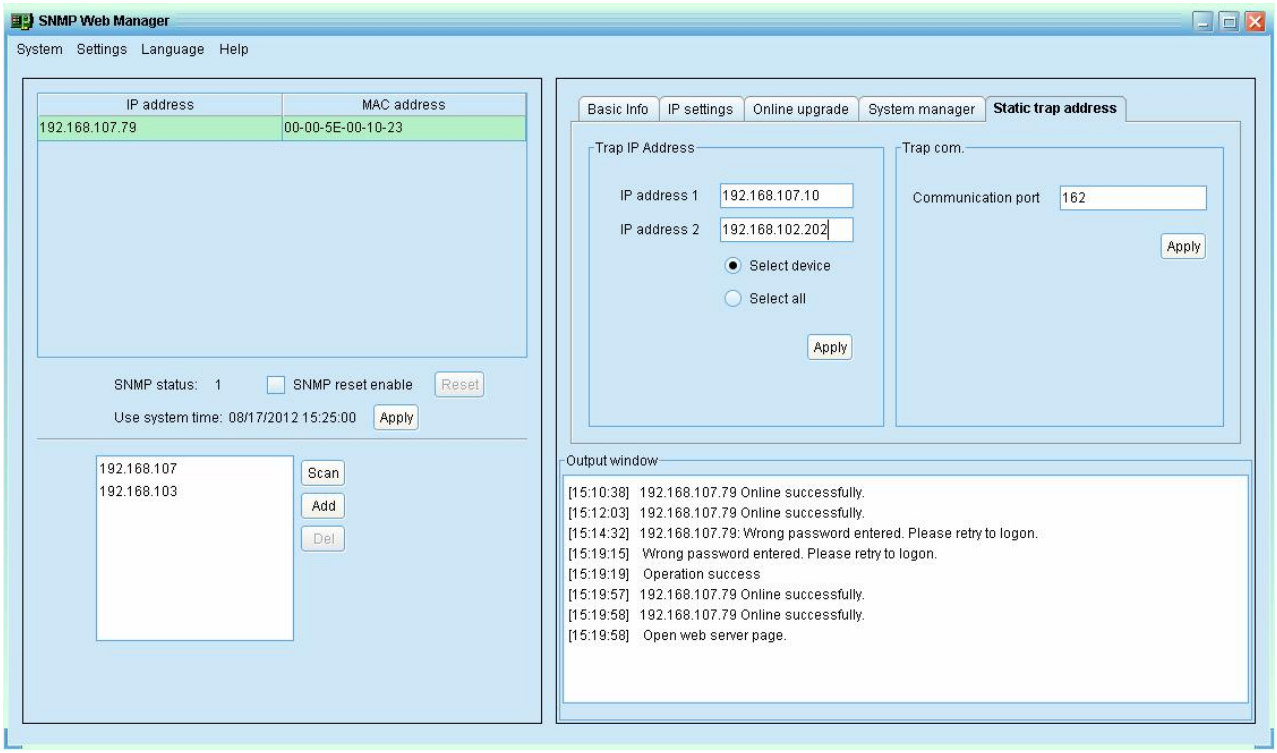

Diagram 4-14

NOTE: The SNMP device could provide 2 static trap addresses and 8 dynamic trap addresses. The SNMP device will automatically load the IP address of host machine which installed monitoring software as dynamic trap address. If there are over 10 minutes inactive for the dynamic trap address, then the SNMP device will automatically release it for to load new dynamic trap.

4.4. Language

SNMP Web Manager offers 12 languages:

- √ Chinese(Simplified)
- √ Chinese(Traditional)
- √ English
- √ German
- √ Italian
- √ Polish

√ Portuguese

√ Russian

√ Spanish

√ Turkish

√ Ukrainian

√ French

The default language setting would be English.

4.5. Help

- **About**: Click "Help" menu and select "About" item. It represents the copyright information about software
- **Help**: Click "Help" menu and select "System help" item. It will open the help manual. Before operating software, please read manual carefully.